

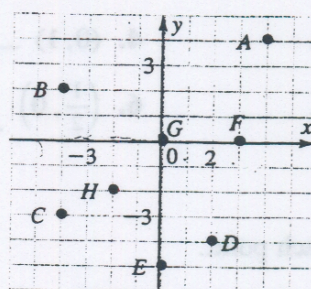
PRACTICE EXERCISES

Graph each ordered pair and name the quadrant or axis where each point lies.

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|-----------------------------------|------------------------|----------------------------------|-------------------------|
| 1. $(3, 4)$ | 2. $(-4, 2)$ | 3. $(-3, -1)$ | 4. $(4, -1)$ |
| 5. $(0, -2)$ | 6. $(0, 3)$ | 7. $(7, 0)$ | 8. $(-3, 0)$ |
| 9. $(-\frac{1}{2}, -\frac{1}{2})$ | 10. $(0, \frac{1}{2})$ | 11. $(\frac{1}{3}, \frac{1}{2})$ | 12. $(-\frac{1}{2}, 0)$ |

Give the coordinates of each point.

- | | |
|-------|-------|
| 13. A | 14. B |
| 15. C | 16. D |
| 17. E | 18. F |
| 19. G | 20. H |



The ordered pair (x, y) represents a point in a coordinate plane. Name the quadrant, point, or axis that satisfies the given conditions.

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|-------------------------|-------------------------|-------------------------|
| 21. $x > 0$ and $y < 0$ | 22. $x < 0$ and $y > 0$ | 23. $x > 0$ and $y > 0$ |
| 24. $x = 0$ and $y = 0$ | 25. $x < 0$ and $y < 0$ | 26. $y = 0$ |

Graph a point that satisfies the given conditions.

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|----------------------------|----------------------------|
| 27. First coordinate is 4. | 28. y-coordinate is -2 . |
| 29. x-coordinate is 0. | 30. Coordinates are equal. |

Find the coordinates of each point.

31. The distance from the y-axis is 3 units and the distance from the x-axis is 4 units. The point is in Quadrant I.
32. The distance from the y-axis is one unit and the distance from the x-axis is 2 units. The point is in Quadrant III.